

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTADMW1624

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * * * * * * * * Welcome to STN International * * * * * * * * * * * * * * * * *

| | | |
|---------|--------|---|
| NEWS 1 | | Web Page for STN Seminar Schedule - N. America |
| NEWS 2 | AUG 10 | Time limit for inactive STN sessions doubles to 40 minutes |
| NEWS 3 | AUG 18 | COMPENDEX indexing changed for the Corporate Source (CS) field |
| NEWS 4 | AUG 24 | ENCOMPPLIT/ENCOMPPLIT2 reloaded and enhanced |
| NEWS 5 | AUG 24 | CA/CPlus enhanced with legal status information for U.S. patents |
| NEWS 6 | SEP 09 | 50 Millionth Unique Chemical Substance Recorded in CAS REGISTRY |
| NEWS 7 | SEP 11 | WPIDS, WPINDEX, and WPIX now include Japanese FTERM thesaurus |
| NEWS 8 | OCT 21 | Derwent World Patents Index Coverage of Indian and Taiwanese Content Expanded |
| NEWS 9 | OCT 21 | Derwent World Patents Index enhanced with human translated claims for Chinese Applications and Utility Models |
| NEWS 10 | NOV 23 | Addition of SCAN format to selected STN databases |
| NEWS 11 | NOV 23 | Annual Reload of IFI Databases |
| NEWS 12 | DEC 01 | FRFULL Content and Search Enhancements |
| NEWS 13 | DEC 01 | DGENE, USGENE, and PCTGEN: new percent identity feature for sorting BLAST answer sets |
| NEWS 14 | DEC 02 | Derwent World Patent Index: Japanese FI-TERM thesaurus added |
| NEWS 15 | DEC 02 | PCTGEN enhanced with patent family and legal status display data from INPADOCDB |
| NEWS 16 | DEC 02 | USGENE: Enhanced coverage of bibliographic and sequence information |
| NEWS 17 | DEC 21 | New Indicator Identifies Multiple Basic Patent Records Containing Equivalent Chemical Indexing in CA/CPlus |
| NEWS 18 | JAN 12 | Match STN Content and Features to Your Information Needs. Quickly and Conveniently |

NEWS EXPRESS MAY 26 09 CURRENT WINDOWS VERSION IS V8.4,
AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN customer agreement.

10581534 STN Search Notes

agreement. This agreement limits use to scientific research. Use for software development or design, implementation of commercial gateways, or use of CAS and STN data in the building of commercial products is prohibited and may result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 13:27:16 ON 19 JAN 2010

FILE 'REGISTRY' ENTERED AT 13:27:28 ON 19 JAN 2010
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2010 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 18 JAN 2010 HIGHEST RN 1202470-25-4
DICTIONARY FILE UPDATES: 18 JAN 2010 HIGHEST RN 1202470-25-4

New CAS Information Use Policies. enter HELP USAGETERMS for details.

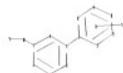
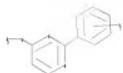
TSCA INFORMATION NOW CURRENT THROUGH June 26, 2009.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stnqgen/stndoc/properties.html>

=>
Uploading C:\Program Files\STNEXP\Queries\10581534.str



chain nodes :
15 17 19
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12
chain bonds :
3-19 5-7 17-19
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12
exact/norm bonds :
3-19 17-19
exact bonds :
5-7
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12
isolated ring systems :
containing 1 : 7 :

G1:O,N,Ak

G2:Cy,Ak

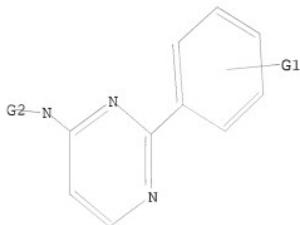
Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 15:CLASS 16:Atom 17:CLASS 19:CLASS

10581534 STN Search Notes

L1 STRUCTURE UPLOADED

```
=> d 11  
L1 HAS NO ANSWERS  
L1 STR
```



G1 O, N, Ak

G2 Cy, Ak

Structure attributes must be viewed using STN Express query preparation.

=> s 11 sss sam

SAMPLE SEARCH INITIATED 13:27:59 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 2784 TO ITERATE

71.8% PROCESSED 2000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

50 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
PROJECTED ITERATIONS: 52515 TO 58845
PROJECTED ANSWERS: 1690 TO 29845

L2 50 SEA SSS SAM L1

```
=> s 11 sss ful
FULL SEARCH INITIATED 13:28:38 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -      57313 TO ITERATE
```

100.0% PROCESSED 57313 ITERATIONS
SEARCH TIME: 00.00.01

2501 ANSWERS

L3 2501 SEA SSS FUL L1

| | |
|---------------------|------------------|
| SINCE FILE
ENTRY | TOTAL
SESSION |
| 192.03 | 192.25 |

FILE 'CAPLUS' ENTERED AT 13:28:45 ON 19 JAN 2010
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2010 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 19 Jan 2010 VOL 152 ISS 4
FILE LAST UPDATED: 18 Jan 2010 (20100118/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Oct 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Oct 2009

Cplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

```
=> s 13          178 L3
L4
=> s 14 and (pry<2004)
        4304195 PRY<2004
L5          82 L4 AND (PRY<2004)

=> s 14 and (py<2004)
        24054859 PY<2004
L6          100 L4 AND (PY<2004)

=> s 15 or 16
L7          113 L5 OR L6

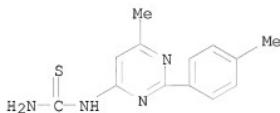
=> s 17 and tubulin
        18746 TUBULIN
        15377 TUBULINS
        21945 TUBULIN
        (TUBULIN OR TUBULINS)
L8          1 L7 AND TUBULIN

=> d ibib abs hitstr 1-113

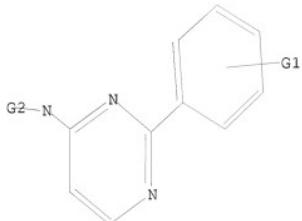
L8      ANSWER 1 OF 1 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER:          2005:523422 CAPLUS
DOCUMENT NUMBER:           143:60000
TITLE:                    Preparation of pyrazines and related compounds as
                           tubulin inhibitors
INVENTOR(S):              Burns, Christopher John; Wilks, Andrew Frederick;
```

10581534 STN Search Notes

RN 860760-59-4 CAPLUS
CN Thiourea, N-[6-methyl-2-(4-methylphenyl)-4-pyrimidinyl]- (CA INDEX NAME)



=> d 11
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> d his

(FILE 'HOME' ENTERED AT 13:27:16 ON 19 JAN 2010)

FILE 'REGISTRY' ENTERED AT 13:27:28 ON 19 JAN 2010
L1 STRUCTURE uploaded
L2 50 S L1 SSS SAM
L3 2501 S L1 SSS FUL

FILE 'CAPLUS' ENTERED AT 13:28:45 ON 19 JAN 2010
L4 178 S L3
L5 82 S L4 AND (PRY<2004)
L6 100 S L4 AND (PY<2004)
L7 113 S L5 OR L6
L8 1 S L7 AND TUBULIN
L9 113 S L7

=> logoff y
COST IN U.S. DOLLARS
FULL ESTIMATED COST

| SINCE ENTRY | TOTAL SESSION |
|-------------|---------------|
| 675.77 | 868.02 |

10581534 STN Search Notes

| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE ENTRY | TOTAL SESSION |
|--|------------------|---------------|
| CA SUBSCRIBER PRICE | -96.90 | -96.90 |

STN INTERNATIONAL LOGOFF AT 13:36:32 ON 19 JAN 2010